

FIG. 1

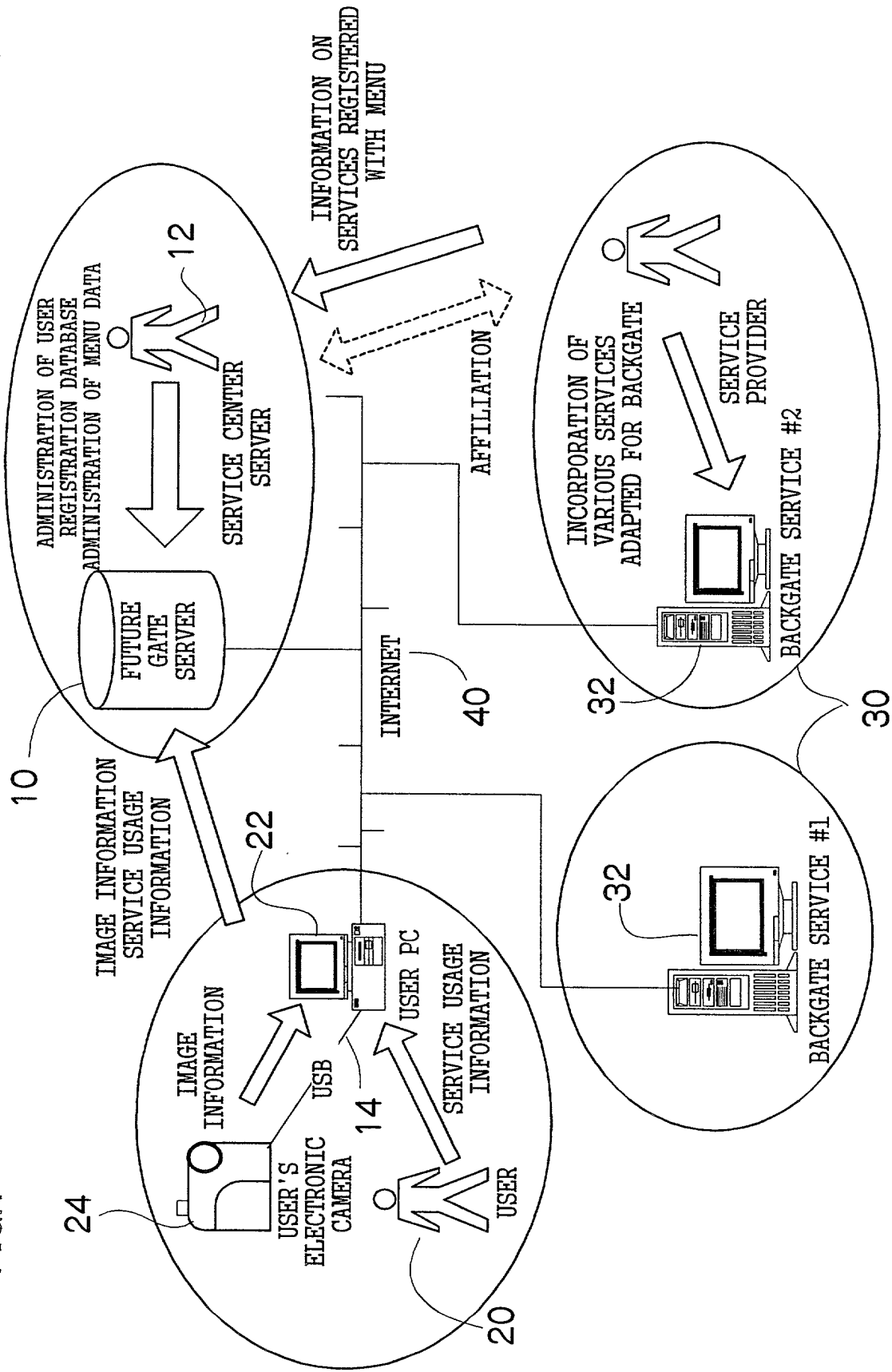


FIG.2

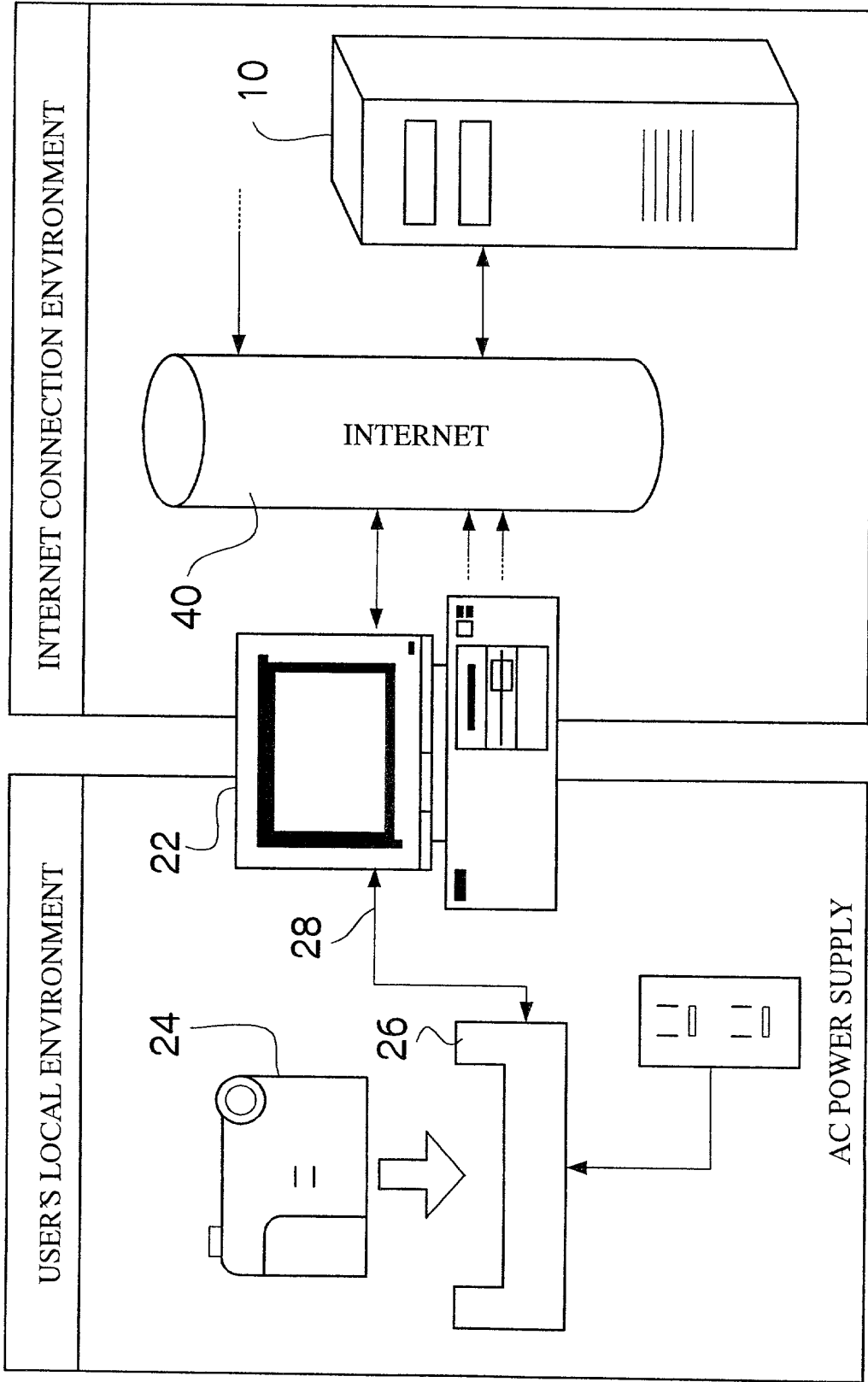


FIG.3

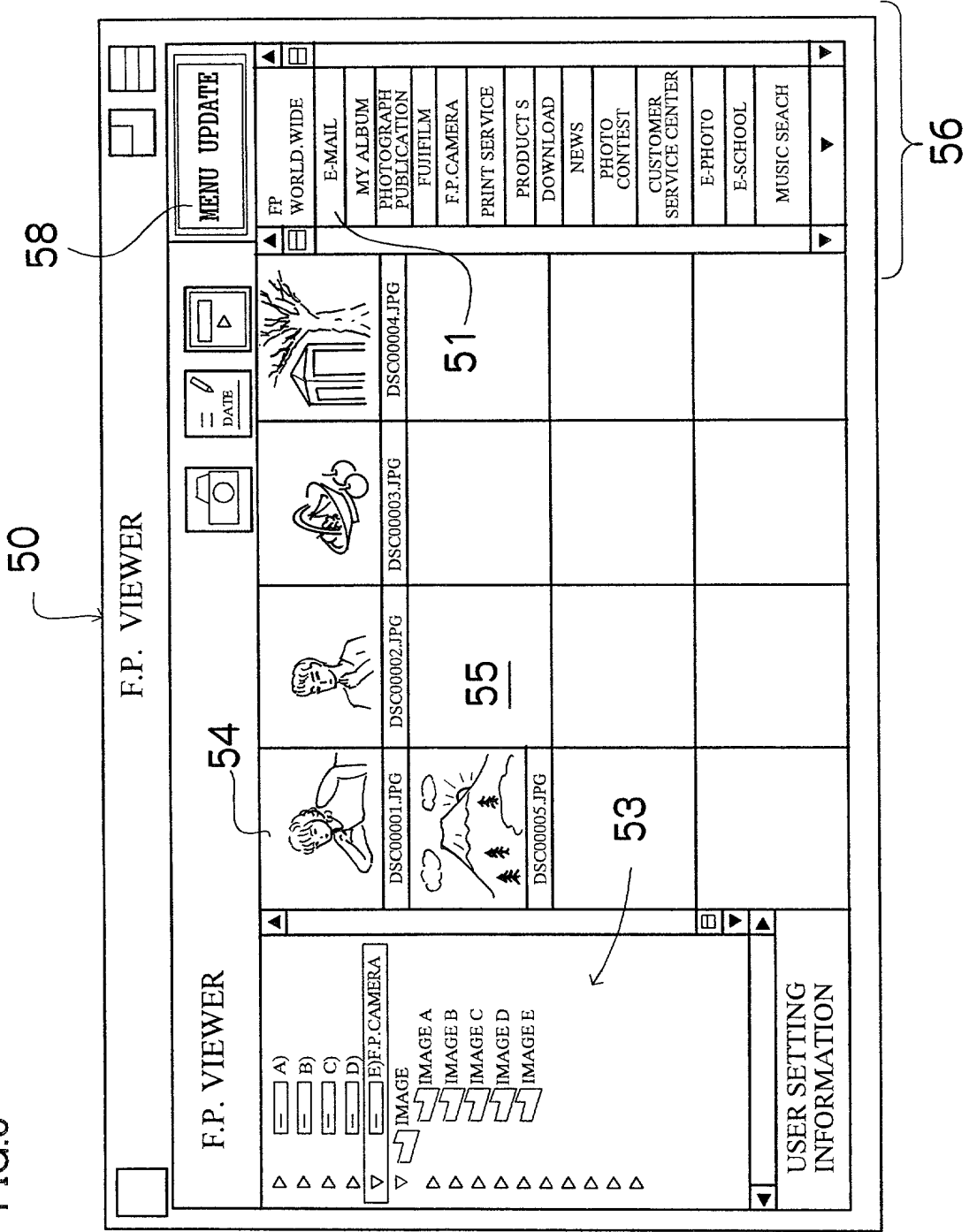


FIG.4

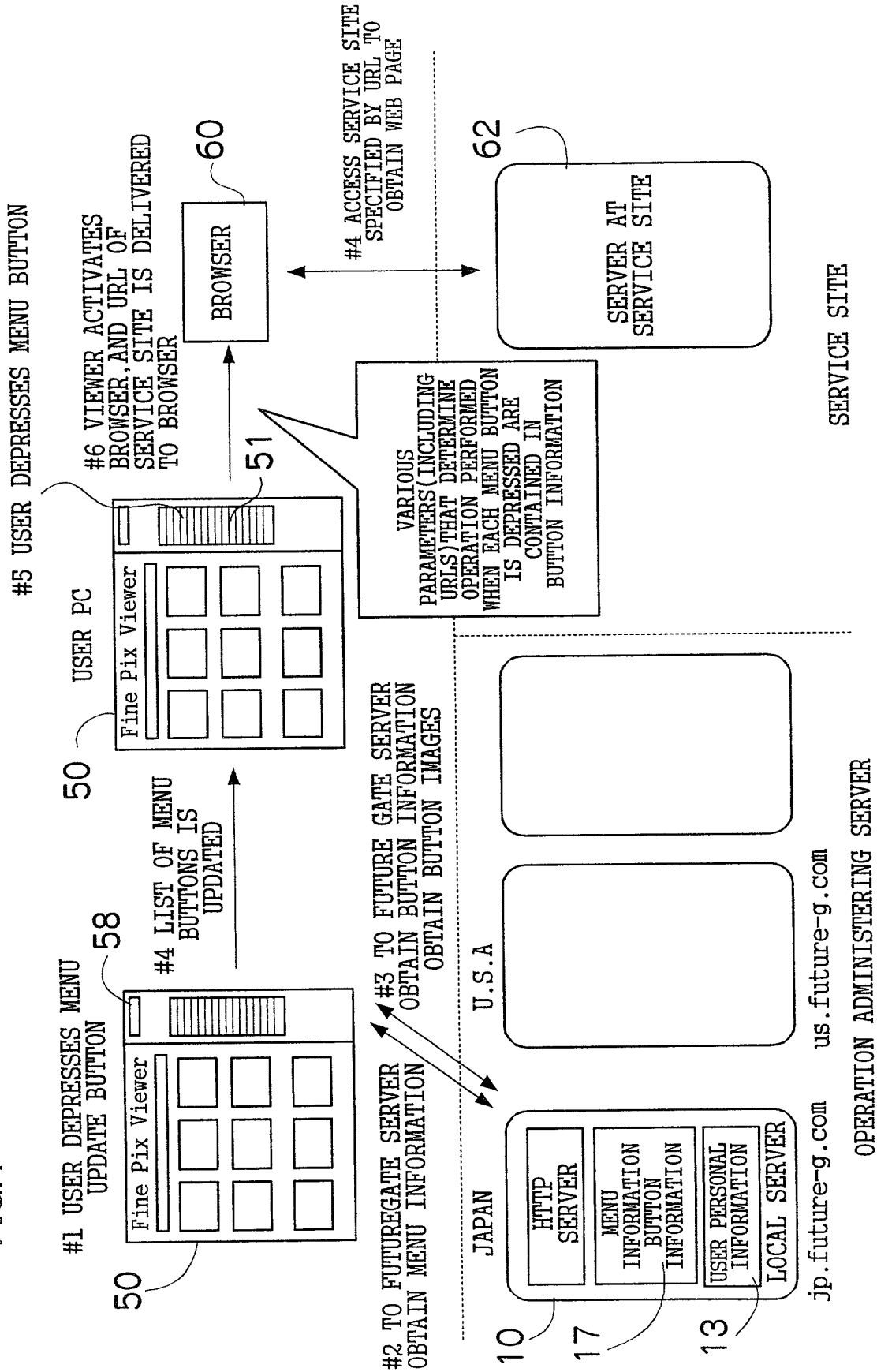
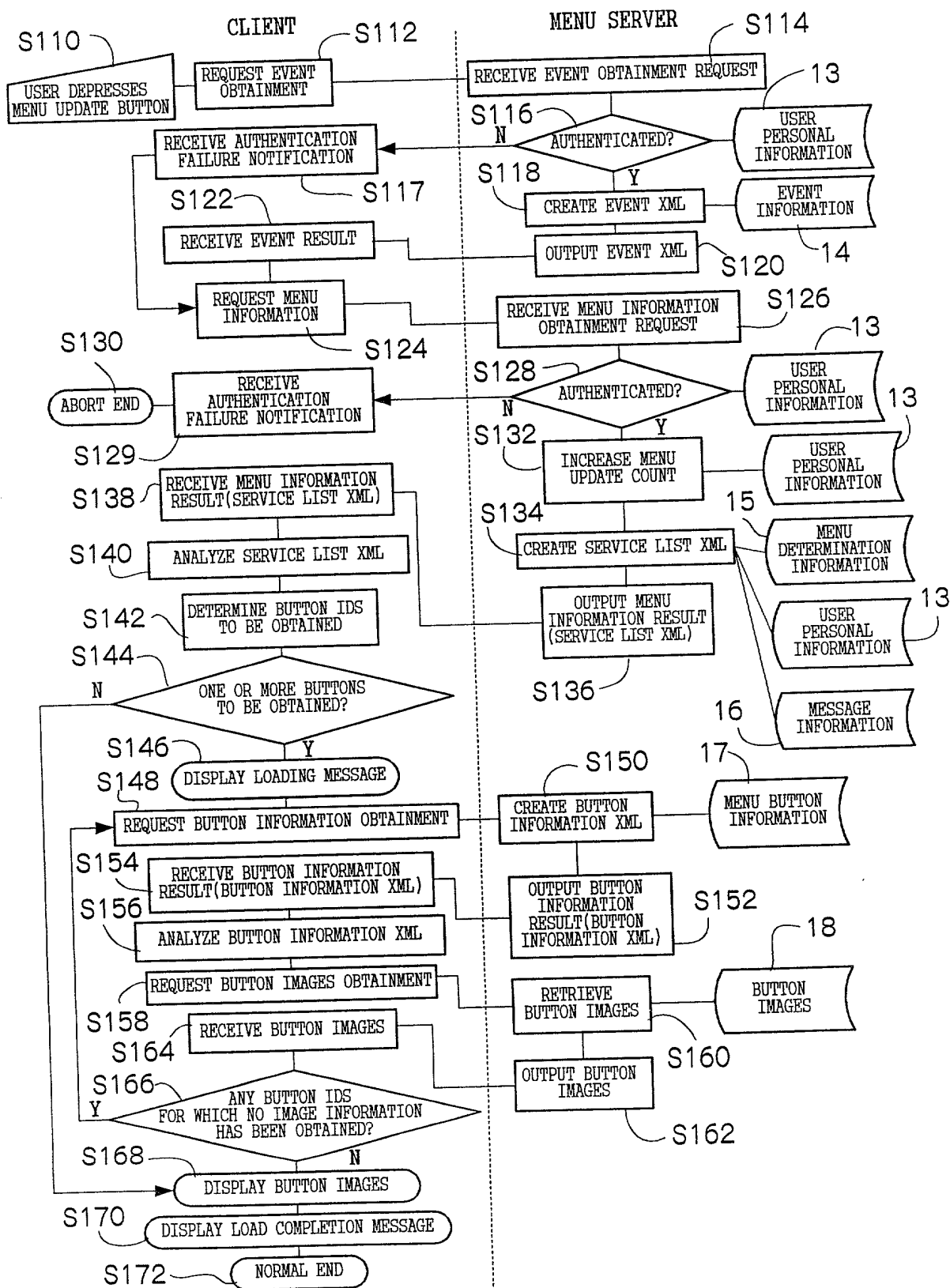


FIG.5



20170115-01100

FIG.6

| EVENT OBTAINMENT REQUEST | | REMARKS |
|--------------------------|------------------------------|---|
| REQUEST | xx_future-g.com/viewer/event | |
| ACCESS RESOURCE | | |
| PROPERTY | PROPERTY | NAME |
| | USER ID | USER ID |
| | USER PW | PASSWORD |
| | EXE TIMES | NUMBER OF VIEWER ACTIVATION OPERATIONS |
| | TOTAL MINUTES | TOTAL TIME FOR WHICH VIEWER HAS BEEN USED |
| | LATEST INTERVAL | NUMBER OF DAYS THAT HAVE PASSED SINCE LAST USE OF VIEWER |
| | (TEST FLAG) | (FLAG FOR TESTS) |
| | | PROPERTY THAT CAN BE ADDED USING VIEWER OPTION TOOL (TESTFLAG=1) |

FIG. 7

DATA TRANSMITTED FROM MENU SERVER TO CLIENT AS MENU INFORMATION

| ELEMENT (PARAMETER NAME) | DATA FORMAT | DISCIPTION |
|-----------------------------|---|--|
| session-id | 64 OR LESS LATERALLY HALF CHARACTERS | STRING ISSUED BY SERVER |
| tool-tip | 255BYTES | DESCRIPTION TEXT FOR MENU |
| loading-msg-id | INTEGER (INT 4BYTES) | 0-4294967295 0-1000000000 FOR EACH TIME DISPLAY 1000000001-FOR SINGLE DISPLAY |
| loading-msg-sentence | 255BYTES | MESSAGE TEXT |
| complete-msg-id | INTEGER (INT 4BYTES) | 0-4294967295 0-1000000000 FOR EACH TIME DISPLAY 1000000001-FOR SINGLE DISPLAY |
| complete-msg-sentence | 255BYTES | MESSAGE TEXT |
| complete-msg-url | 255BYTES | URL OF WWW PAGE OPENED WHEN LOADING IS COMPLETED |
| button-count | INTEGER (INT 4BYTES) | NUMBER OF BUTTONS |
| button-id | INTEGER (INT 4BYTES) | BUTTON IDS (ONE OR MORE) 0-4294967295 |

FIG.8

EXAMPLE OF TRANSMITTED MENU INFORMATION XML

```
<?xml version="1.0"encoding="UTF-8"?>
<!DOCTYPE response SYSTEM"servicelist.dtd">
<response>

  <session-id>xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</session-id>
  <service-list>
    <tool-tip>WELLCOME ,TO FinePix INTERNET SERVICE!</tool-tip>
    <loading-msg-id>l2</loading-msg-id>
    <loading-msg-sentence>DURING LOAD</loading-msg-sentence>
    <complete-msg-id>l3</complete-msg-id>
    <complete-msg-sentence>LOAD COMPLETE</complete-msg-sentence>
    <complete-msg-url></complete-msg-url>
    <button-count>5</button-count>
    <button-id>l</button-id>
    <button-id>45</button-id>
    <button-id>56</button-id>
    <button-id>22</button-id>
    <button-id>4</button-id>

  </service-list>
</response>
```

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FIG.9

CONTENTS OF DATA TRANSMITTED FROM MENU SERVER TO CLIENT
AS BUTTON INFORMATION

| ELEMENT (PARAMETER NAME) | DATA FORMAT | DESCRIPTION |
|-----------------------------|--|--|
| button-id | INTEGER(INT 4BYTES) | BUTTON ID 0-4294967295 |
| service-id | INTEGER(INT 4BYTES) | SERVICE ID 0-4294967295 |
| caption | 255BYTES | BUTTON NAME TEXT*RESERVATION TAG |
| view-category | | DISPLAY CATEGORY*RESERVATION TAG |
| service-name | 255BYTES | SERVICE NAME |
| condition-flag | 0x0000=OPERATE REGARDLESS OF CONDITIONS 0x0001=ENABLED ONLY DURING CONNECTION TO ACTUAL MACHINE(STORAGE MODE) 0x0002=ENABLED ONLY DURING CONNECTION TO ACTUAL MACHINE(VG MODE) 0x0100=ENABLED ONLY DURING SELECTION OF IMAGES 0x8000=ALWAYS DISABLED | CONDITION FLAG USED TO DETERMINE WHETHER BUTTON IS TO BE ENABLED OR DISABLED (ONE OR MORE LOGICAL ORS) EXAMPLE) 0x0103=CONNECTION TO ACTUAL MACHINE AND IMAGE SELECTION REQUIRED |
| action-type | 0x0001:ONLY SERVICE ACCESS COUNT 0x0010:ONLY IMAGE TRANSFER USING GFNAP2 0x0100:ONLY USER INFORMATION TRANSMISSION | CONDITION FLAG USED TO DETERMINE OPERATION WHEN BUTTON IS DEPRESSED (ONE OR MORE LOGICAL ORS) |
| upload-img-min | INTEGER(INT 4BYTES) | MINIMUM NUMBER OF TRANSFERRED IMAGES |
| upload-img-max | INTEGER(INT 4BYTES) | MAXIMUM NUMBER OF TRANSFERRED IMAGES |
| upload-img-type | 0X0001:STILL IMAGE FILE 0X0010:ANIMATED IMAGE FILE 0x0100:SOUND FILE | CONDITION FLAG USED TO DETERMINE TYPE OF FILE THAT CAN BE UPLOADED(LOGICAL OR AVAILABLE) |
| link-address | 255BYTES | URL OF WWW PAGE FOR CONNECTION SERVICE |
| link-option | 255BYTES | ARGUMENT FOR LINK ADDRESS |
| enable-tool-tip | 255BYTES | BALLOON HELP TEXT FOR ENABLED BUTTON |

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FIG.10

| | | |
|------------------------------|-----------------------------------|---|
| disable-tool-tip | 255BYTES | BALLOON HELP TEXT FOR ENABLED BUTTON |
| enable-button | 255BYTES | URL OF IMAGE FILE |
| disable-button | 255BYTES | URL OF IMAGE FILE |
| img-x-min (RESERVED) | INTEGER (INT 4BYTES) | MINIMUM NUMBER OF PIXELS(LATERAL) |
| img-y-min (RESERVED) | INTEGER (INT 4BYTES) | MINIMUM NUMBER OF PIXELS(LONGITUDINAL) |
| img-x-max (RESERVED) | INTEGER (INT 4BYTES) | MAXIMUM NUMBER OF PIXELS(LATERAL) |
| img-y-max (RESERVED) | INTEGER (INT 4BYTES) | MAXIMUM NUMBER OF PIXELS(LONGITUDINAL) |
| img-size-max (RESERVED) | INTEGER (INT 4BYTES), UNIT:KBYTES | MAXIMUM FILE SIZE |
| img-format (RESERVED) | EXTENSION DESCRIBED USING COLONS | TRANSMITTABLE IMAGE FORMAT |
| appear-date (RESERVED) | YYYYmmdd | DISPLAY START DATE AND TIME |
| disappear-date (RESERVED) | YYYYmmdd | DISPLAY END DATE AND TIME |

FIG.11

EXAMPLE OF TRANSMITTED BUTTON INFORMATION XML

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE response SYSTEM"button.dtd">
<response>

  <button-id>1</button-id>

  <service-id>1</service-id>

  <caption>FDi SERVICE</caption>

  <view-category>3</view-category>

  <service-name>fdi</service-name>

  <condition-flag>0x0100</condition-flag>

  <action-type>0x0001</action-type>

  <upload-img-min>1</upload-img-min>

  <upload-img-max>3</upload-img-max>

  <upload-img-type>0x0001</upload-img-type>

  <link-address>http://www.xxxxxxx.co.jp/</link-address>

  <link-option></link-option>

  <enabled-tool-tip>UP TO THREE IMAGES CAN BE SELECTED</enabled-tool-tip>

  <disabled-tool-tip>SELECT IMAGES</disabled-tool-tip>

  <enabled-button>http://jp.future-g.com/viewer/button/xxxxxxx.jpg</enabled button>

  <disabled-button>http://jp.future-g.com/viewer/button/xxxxxxx.jpg</disabled-button>

  <img-x-min>320</img-x-min>

  <img-y-min>240</img-y-min>

  <img-x-max>640</img-x-max>

  <img-y-max>480</img-y-max>

  <img-size-max.>100</img-size-max>

  <img-format>jpg:gif:bmp</img-format>

  <appear-date>20010401</appear-date>

  <disappear-date>20010433</disappear-date>

</response>
```

FOR "SECRET"

FIG.12

